Appendix F

Temporary Erosion Controls

Phase I and II Areas

This Temporary Erosion Controls Phase I and II Areas "Erosion Controls" is attached as Appendix F to and incorporated by reference into the Preliminary Injunction entered on February 22, 2007 in *Commonwealth of Massachusetts v. New Ventures Associates, LLC* Suffolk Superior Court, Civil Action No. 06-0790 C ("Preliminary Injunction"). This Appendix describes the temporary storm water control measures that New Ventures, LLC (New Ventures) will construct to control storm water runoff from the capped Phase I and II Areas of the landfill to the perimeter berm and from the perimeter berm to the abutting wetlands pending construction of the final berm.

A temporary drainage swale shall be constructed on the north berm from the high point on the western end of the north berm and on the east berm from the high point on the southern end of the eastern berm as shown on Drawing No. 1 of this Appendix. This work will include the construction of the stone apron across the berm that will allow for storm water discharge to Basin 2. The drainage swale will utilize the existing surface grade of the perimeter berm to direct the runoff to the designated locations on the Drawing. Runoff from the capped landfill slopes will be contained along the inside edge of the perimeter berm with the use of secured haybales, set end to end, along the full length of the berm just beyond the geomembrane anchor trench or end of cap as shown on the detail. The bales will be reinforced with a soil backing along the outside to prevent dislodging under heavy rainfall conditions. The bales shall be maintained and replaced as necessary.

A temporary drainage swale, formed in the same manner as described above, with two temporary stone let-down channels shall be constructed on the western berm at the approximate locations depicted on Drawing 1 of this Appendix.

The let-down channel structures will include several components including an apron across the top of the berm, the actual let-down channel and an energy dissipater at the base of the slope. The apron and the let-down will be approximately four feet in width and one foot in depth and will be lined with 6" to 8" crushed stone. Larger stones shall be positioned at the base of the let-down to disperse the runoff and dissipate energy for erosion control purposes.

The temporary swales and down chutes shall at a minimum have the capacity to manage the projected runoff from a 25 year storm event. By March 1, 2007, New Ventures shall provide the Department with documentation that the design meets the requirements of this Appendix.